siRNA1	111	UUGACCAUGAUAA            AACUGGUACUAUU	111
siRNA2	111	GACCAUGAUAACA 	111
siRNA3	111	AUACGGAAGACUU                       UAUGCCUUCUGAA	111
siRNA4	111	GCUUCUCAGCGUA           CGAAGAGUCGCAU	
siRNA5	111	UAUCAUGAUUGUC.          AUAGUACUAACAG	111
Figure 1: si	RNAs target	ing the ERK3	transcript
<b>3</b>			-
	•		-
siRNA1	5'- AGA	UUCUAUUGUGCAG            AAGAUAACAUGUC	UUGdTdT-3′
	5'- AGA     3'-dTdTUCU 5'- TGC		UUGdTdT-3'     AAC -5' AGAdTdT-3'
siRNA1	5'- AGA     3'-dTdTUCU  5'- TGC     3'-dTdTUCG  5'- GAC		UUGdTdT-3'     AAC -5' AGAdTdT-3'     UCU -5' AACdTdT-3'
siRNA1	5'- AGA     3'-dTdTUCU  5'- TGC     3'-dTdTUCG  5'- GAC     3'-dTdTCUG		UUGdTdT-3'     AAC -5' AGAdTdT-3'     UCU -5' AACdTdT-3'     UUG -5'

Figure 2: siRNAs targeting the PRKAR1A transcript

siRNA1	5'- GACAAGAAUAUGAGCUUAUdTdT-3'                  3'-dTdTCUGUUCUUAUACUAGAAUA -5'
siRNA2	5'- GCACGAAAUCUGCUUUGGAdTdT-3'                  3'-dTdTCGUGCUUUAGACUAAACCU -5'
siRNA3	5'- GCGGCAGAACAAUGAAUACdTdT-3'                  3'-dTdTCGCCGUCUUGUUACUUAUG -5'
siRNA4	5'- GUCGAGCAUGAAAGUGUCUdTdT-3'                 3'-dTdTCAGCUCGUACUUUCACAGA -5'
siRNA5	5'- CCAUCAACGGAAGAUUAGUdTdT-3'                  3'-dTdTGGUAGUUGCCUUCUAAUCA -5'
Figure 3: siR	RNAs targeting the KRT23(209) transcript
Figure 3: siR	NAs targeting the KRT23(209) transcript
Figure 3: siR	NAs targeting the KRT23(209) transcript  5'- UCUCAACAGAUAUUCUAACdTdT-3'
	5'- UCUCAACAGAUAUUCUAACdTdT-3'
siRNA1	5'- UCUCAACAGAUAUUCUAACdTdT-3'

Figure 4: siRNAs targeting the PN7098 transcript

siRNA5

AUCAUGGCAUAGUCGAUUAdTdT-3'

siRNA1	5'- AGUCGACUCAACUCUCAUUdTdT-3'
siRNA2	5'- GUCGACUCAACUCUCAUUGdTdT-3'
siRNA3	5'- GGUUAUUCGACUCUCUCAAdTdT-3'
siRNA4	5'- CUCAUUGGAGGAACAGUACdTdT-3'
siRNA5	5'- CUCAUUGGAGGAACAGUACdTdT-3'
Figure 5:	siRNAs targeting the AL117237 transcript
Figure 5:	5'- AAGGUGACAGUUCGCAUUCdTdT-3'
	5'- AAGGUGACAGUUCGCAUUCdTdT-3'
siRNA1	5'- AAGGUGACAGUUCGCAUUCdTdT-3'
siRNA1	5'- AAGGUGACAGUUCGCAUUCdTdT-3'

Figure 6: siRNAs targeting the PCNT2 transcript

siRNA5

siRNA1	5'- GAGUUGACAUUGGAGUGAAdTdT-3'
siRNA2	5'- GUACAUCAGGAGGAUAUAUdTdT-3'
siRNA3	5'- GAUGGUAACCUGUCUGAAGdTdT-3'
Figure 7:	siRNAs targeting the PROX1 transcript
siRNA1	5'- UCUUGGUUAAGCCGAAUUAdTdT-3'
siRNA2	5'- UACAGUCAGCUUAGAAGAAdTdT-3'
siRNA3	5'- UGCAGCACGUACACAAUUAdTdT-3'
siRNA4	5'- AAGGCAGGUUCAAGAUCUUdTdT-3'
siRNA5	5'- AGAGCGUAUUAGAGAAUUGdTdT-3'
Figure 8:	siRNAs targeting the HOOK1 transcript
siRNA1	5'- UGCCUGGUCAAGGACUACUdTdT-3'

Figure 9: siRNA targeting the IGHG1 transcript

siRNA1	5'- GUCGGUUAGACAACUACAAdTdT-3'	
siRNA2	5'- GAAGGAGGUGCUGCAUAAUdTdT-3'	
Figure 10: si	RNAs targeting the GOLGA2 transcript	:
siRNA1	5'- AAGCUCAUCCGUAGAAGAAdTdT-3'	
siRNA2	5'- AGCAUAGAAGAAGUUCCAAdTdT-3'	
siRNA3	5'- GAAGUUCCAAGCCAAUUAAdTdT-3'	
siRNA4	5'- GCCAAUUAAGAGGCCUGUUdTdT-3'	

Figure 11: siRNAs targeting the KIAA0555 transcript

siRNA1		
siRNA2	5'- UUGAUUAAGGAUGCUCACUdTdT-3'	
	3'-dTdTAACUAAUUCCUACGAGUGA -5'	
siRNA3	5'- UCAACCUAUAAGAGAUGUCdTdT-3'	
	3'-dTdTAGUUGGAUAUUCUCUACAG -5'	
siRNA4	5'- AAUAUGAAUCCGACAUGGUdTdT-3'	
	3'-dTdTUUAUACUUAGGCUGUACCA -5'	
siRNA5	5'- AGGCGAGACUGAUCUAAUUdTdT-3'	
SIMMS	3'-dTdTUCCGCUCUGACUAGAUUAA -5'	
Figure 12: s:	iRNAs targeting the LRPPRC transcrip	٥t
Figure 12: s	iRNAs targeting the LRPPRC transcrip	>t
Figure 12: s:	iRNAs targeting the LRPPRC transcrip	>t
	5'- AGCGAUUGAACACAUUGAUdTdT-3'	p t
Figure 12: s:		
siRNA1	5'- AGCGAUUGAACACAUUGAUdTdT-3'	
	5'- AGCGAUUGAACACAUUGAUdTdT-3'                   3'-dTdTUCGCUAACUUGUGUAACUA -5'	
siRNA1 siRNA2	5'- AGCGAUUGAACACAUUGAUdTdT-3'	
siRNA1	5'- AGCGAUUGAACACAUUGAUdTdT-3'	

5'- UGGAUGUCUGUCUGAUAGUdTdT-3'

Figure 13: siRNAs targeting the SET(277) transcript

siRNA4

siRNA1		-5′
siRNA2	5'- UUAGUGAGCGACACCAUCAdTdT- 	-3′ -5′
Figure 14:	siRNAs targeting the TL21 transcr	ipt
siRNA1	5'- CUCCUUGAAUGAGCAACGUdTdT-	-3′
	3'-dTdTGAGGAACUUACUCGUUGCA	-5′
siRNA2	5'- AGAUCAUUGUUACCGAUUCdTdT-	-3′
	3'-dTdTUCUAGUAACAAUGGCUAAG	-5 <b>′</b>
siRNA3	5'- AUAUCACACCUACUCAGAAdTdT-	-3′
	3'-dTdTUAUAGUGUGGAUGAGUCUU -	-5′

5'- CAAUGAGCGCUACCGAUUAdTdT-3'

Figure 15: siRNAs targeting the KAISO transcript

siRNA1	
siRNA2	5'- AACAACUGCAAGUGAAGCUdTdT-3'
siRNA3	5'- AACCGAACGAAGCAAGUAGdTdT-3'
siRNA4	5'- GAAGAACUGGAACGUUGUAdTdT-3'
siRNA5	5'- AGAACAAUCUCCUGCUAACdTdT-3'
Figure 16: s	iRNAs targeting the PN7771 transcript
Figure 16: s	iRNAs targeting the PN7771 transcript  5'- UCUACCUCUUAUCCACCUUdTdT-3'
	5'- UCUACCUCUUAUCCACCUUdTdT-3'
siRNA1	5'- UCUACCUCUUAUCCACCUUdTdT-3'
siRNA1 siRNA2	5'- UCUACCUCUUAUCCACCUUdTdT-3'

5'- UCUUGAUCCUGACGGUACAdTdT-3'

Figure 17: siRNAs targeting the TSP3 transcript

siRNA1	3'-dTdTUAUGCGGUUCUUCAGUCAA -5'	
siRNA2	5'- UUCCUCGACUCAGUAUCCAdTdT-3'	
	3'-dTdTAAGGAGCUGAGUCAUAGGU -5'	
siRNA3	5'- AACUAUCCAGUGCCAUGUCdTdT-3'	
SIMMIS	3'-dTdTUUGAUAGGUCACGGUACAG -5'	
Figure 18:	siRNAs targeting the MDH1 transcript	:
	5'- GAAUACUCCUGUAAGAUACdTdT-3'	
siRNA1		
	5'- CUGGAAUCUCACCACUGAAdTdT-3'	
siRNA2		
siRNA3	5'- GGUGUAUUGUCGAACCAUUdTdT-3'	
SIKNAS		
	5'- AGGCGAGCUUAUUCAUGAUdTdT-3'	
siRNA4		
. D	5'- UUGACGCCGUAAGAACUAAdTdT-3'	
siRNA5		

Figure 19: siRNAs targeting the GA17 transcript

. 0.12.1	5′-	ACAUUCUCAAUAAGGUUGUdTo	1 C - TÉ
siRNA1	3'-dTo		-5′
	5′-	GGCCAUAUACAAACAGUUCdTo	dT-3′
siRNA2	3'-dT		-5 <i>'</i>
	5′-	CCAUUUGCAGUAGUGAACUdTo	dT-3'
siRNA3	3'-dT		-5′
	5′-	CCUGAAUGAGCAUCUCUAUdTo	dT-3′
siRNA4	3'-dTo		-5 <i>'</i>
	5′-	AAGAUGGCACUGGACAAAUdTo	dT-3'
siRNA5	3′-dTo		-5′
		UIUUCUACCGUGACCUGUUA	_
Figure 20:	siRNAs ta	argeting the CAPN4 trans	
Figure 20:	siRNAs ta		
Figure 20:			script
Figure 20:	5′-	argeting the CAPN4 trans	script
	5′-	GUUCUGCAAGAUGAUAAGAdTO	dT-3'
	5'- 3'-dTo 5'-	argeting the CAPN4 trans GUUCUGCAAGAUGAUAAGAdTo	dT-3'
siRNA1	5'- 3'-dTo 5'-	GUUCUGCAAGAUGAUAAGAdTOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO	dT-3' -5' dT-3'
siRNA1	5'- 3'-dTo 5'- 3'-dTo 5'-	GUUCUGCAAGAUGAUAAGAdTO	dT-3' -5' dT-3' -5' dT-3'
siRNA1	5'- 3'-dTo 5'- 3'-dTo 5'-	GUUCUGCAAGAUGAUAAGAdTO                  dTCAAGACGUUCUACUAUUCU  ACCUUCAAUCUUCCUAGUGdTO	dT-3' -5' dT-3' -5'

Figure 21: siRNAs targeting the BAT3 transcript

siRNA1	
siRNA2	5'- AUCUACGAAGACCGAGGAAdTdT-3'
siRNA3	5'- UUCCGAAGGUCAAGGCAAUdTdT-3'
siRNA4	5'- CAUUGAACGUCCAGAUCUUdTdT-3'
	5'- CCGACUUCGCUCAGUAUAAdTdT-3'
siRNA5	
	3'-dTdTGGCUGAAGCGAGUCAUAUU -5'
Figure 22: si	3'-dTdTGGCUGAAGCGAGUCAUAUU -5' iRNAs targeting the ABLIM1 transcript  5'- CAGAGCUAUCAAUGUUCUUdTdT-3'

5'- UGUAACAGCGUUGAUCCUUdTdT-3'

Figure 23: siRNAs targeting the NICE-4 transcript

siRNA1	3'-dTdTUCUCAAUGUCUCCUAGUUC	-5′
siRNA2	5'- AGACAGCCAUUGGUACCUAdTdT	-3'
Figure 24: s	iRNAs targeting the CYT4 transc	ript
siRNA1	5'- CUGAUGGAUGCCAACUUAUdTdT	7-3′ -5′
siRNA2	5'- CUUAUGUCAAGUGAUUCAGdTdT	-3′ -5′
siRNA3	5'- AUUAGACCAUGAGCGAAUGdTdT	-3'
siRNA4	5'- CCAAGUAACAUUGUAGUCAdTdT   -	-3′ -5′
siRNA5	5'- AGGAGAACGUGGAUAUAUGdTdT	

Figure 25: siRNAs targeting the JNK3A2 transcript

siRNA1	5'- AGGAGCCAGGAGUUAAUACdTdT-3'
	3'-dTdTUCCUCGGUCCUCAAUUAUG -5'
siRNA2	5'- GCAUCUCUUAGUAGGAAUGdTdT-3'
STAMIL	3'-dTdTCGUAGAGAAUCAUCCUUAC -5'
siRNA3	5'- GAGCGUCUAACUGAUACUGdTdT-3'
	3'-dTdTCUCGCAGAUUGACUAUGAC -5'
siRNA4	5'- ACUAUGGCAUCCUUACAGAdTdT-3'
	3'-dTdTUGAUACCGUAGGAAUGUCU -5'
siRNA5	5'- GCAGUUGGUUACUCUGGAAdTdT-3'
	3'-dTdTCGUCAACCAAUGAGACCUU -5'
Figure 26: si	RNAs targeting the C-NAP1 transcript
Figure 26: si	RNAs targeting the C-NAP1 transcript
	5'- UAGCAGAAUUAUGUGAUGAdTdT-3'
Figure 26: si	
siRNA1	5'- UAGCAGAAUUAUGUGAUGAdTdT-3'
	5'- UAGCAGAAUUAUGUGAUGAdTdT-3'                  3'-dTdTAUCGUCUUAAUACACUACU -5'
siRNA1 siRNA2	5'- UAGCAGAAUUAUGUGAUGAdTdT-3'
siRNA1	5'- UAGCAGAAUUAUGUGAUGAdTdT-3'
siRNA1 siRNA2	5'- UAGCAGAAUUAUGUGAUGAdTdT-3'
siRNA1 siRNA2 siRNA3	5'- UAGCAGAAUUAUGUGAUGAdTdT-3'
siRNA1 siRNA2 siRNA3	5'- UAGCAGAAUUAUGUGAUGAdTdT-3'

Figure 27: siRNAs targeting the VCL transcript

siRNA1	5'- ACUUACACAGCGAUGUCdTdT-3'
siRNA2	5'- AGCCGAACUGGAUGAUACAdTdT-3'
siRNA3	5'- GAGAUGAUGAUUCGUCAACdTdT-3'
Figure 28:	siRNAs targeting the PSF transcript
siRNA1	5'- GAAGGAUCUACAUGAGGAAdTdT-3'
siRNA2	5'- AUGAACUACAUCACUGCAAdTdT-3'
siRNA3	5'- UCCAUCUCAGGAGCUUGAAdTdT-3'
siRNA4	5'- ACACCACUGGCUACAAUGAdTdT-3'
siRNA5	5'- GAGAGAAGUCCAAUACACUdTdT-3'

Figure 29: siRNAs targeting the FNTA transcript

siRNA1	5'- GAGGAUUAUUGAACACUACdTdT-3'	
siRNA2	5'- GCAGUAUGCUGACAAGAUUdTdT-3'	
siRNA3	5'- TAUCAGCUACCAAGAUCAGdTdT-3'	
siRNA4	5'- GGAGAGUGAAGUGUAUAAGdTdT-3'	
siRNA5	5'- CACAUUCUAGAUGAACAGAdTdT-3'	
Figure 30: s	SIRNAS targeting the TPRD transcript	
Figure 30: s	SIRNAS targeting the TPRD transcript	
Figure 30: s	5'- AUACUACCAGGCAGAUCAAdTdT-3'	
	5'- AUACUACCAGGCAGAUCAAdTdT-3'	
	5'- AUACUACCAGGCAGAUCAAdTdT-3'	
siRNA1	5'- AUACUACCAGGCAGAUCAAdTdT-3'	
siRNA1	5'- AUACUACCAGGCAGAUCAAdTdT-3'	
siRNA1	5'- AUACUACCAGGCAGAUCAAdTdT-3'	
siRNA1 siRNA2 siRNA3	5'- AUACUACCAGGCAGAUCAAdTdT-3'	
siRNA1	5'- AUACUACCAGGCAGAUCAAdTdT-3'	
siRNA1 siRNA2 siRNA3	5'- AUACUACCAGGCAGAUCAAdTdT-3'	

Figure 31: siRNAs targeting the PN9109 transcript

siRNA1	5'- GAACAUCACCAACGAGCUAdTdT-3'
SIMMI	3'-dTdTCUUGUAGUGGUUGCUCGAU -5'
siRNA2	5'- GAACCUGCUAGAUGAGAUAdTdT-3'
SIRNAZ	3'-dTdTCUUGGACGAUCUACUCUAU -5'
siRNA3	5'- AUCUGGACCUUGAGGAAUCdTdT-3'
SIRNAS	3'-dTdTUAGACCUGGAACUCCUUAG -5'
Figure 32.	siRNAs targeting the PPL transcript
riguie 32.	bridge cargeding one fra cranberry
siRNA1	5'- GACAAUGCCAGCAACAUAUdTdT-3'
SIRNAI	3'-dTdTCUGUUACGGUCGUUGUAUA -5'
siRNA2	5'- CUCAGAUUCUAGCCAUGAAdTdT-3'
SIRNAZ	3'-dTdTGAGUCUAAGAUCGGUACUU -5'
siRNA3	5'- GCAUUAGAAGCCUUACAGAdTdT-3'
SIMMS	3'-dTdTCGUAAUCUUCGGAAUGUCU -5'
siRNA4	5'- GCAGGAAUUAAUUGACUACdTdT-3'
SINNA	3'-dTdTCGUCCUUAAUUAACUGAUG -5'
siRNA5	5'- GCUACUAGAAUACUGCAAUdTdT-3'
CHUNIC	3'-dTdTCGAUGAUCUUAUGACGUUA -5'

Figure 33: siRNAs targeting the GOLGIN-84 transcript

siRNA1		AAUGUUACCACCGUUGACAdT               TUUACAAUGGUGGCAACUGU	dT-3′ -5′
siRNA2		AGCACUCAAUGACAAUCUGdT              TUCGUGAGUUACUGUUAGAC	dT-3′ -5′
siRNA3		GAAGAAGUGGAUGAAACCAdT               TCUUCUUCACCUACUUUGGU	
Figure 34: s	iRNAs ta	rgeting the CLIC1 trans	3cript
siRNA1		AUCACUAAAGCCUGACAGUdTo	
siRNA2		GACUGGCAAGUACAAGUAUdT              TCUGACCGUUCAUGUUCAUA	
siRNA3		UUGGUUGCUCACGAAUGUCdTo	

Figure 35: siRNAs targeting the AKR7A2 transcript

siRNA1	5'- AACCUUCUCCACAACAAUGdTdT-3'	
siRNA2	5'- AAUUAGAGCGAGCAACCAAdTdT-3'	
siRNA3	5'- UCGUGAUGUUCGUAUGUUCdTdT-3'	
siRNA4	5'- AAUAGGAGAUAAGGUUGAAdTdT-3'	
siRNA5	5'- GUACCAAGGAAUGAUUGAGdTdT-3'	
Figure 36.	siRNAs targeting the UNR transcript	
rigure 50.		
rigule 30.		
siRNA1	5'- GAGAGACUUCCAGACAGAAdTdT-3'                   3'-dTdTCUCUCUGAAGGUCUGUCUU -5'	
	5'- GAGAGACUUCCAGACAGAAdTdT-3'	
siRNA1	5'- GAGAGACUUCCAGACAGAAdTdT-3'	
siRNA1	5'- GAGAGACUUCCAGACAGAAdTdT-3'	

Figur 37: siRNAs targeting the GBDR1 transcript

siRNA1	5'- AUAGCAUUGGACUCUUAUGdTdT-3	′
	3'-dTdTUAUCGUAACCUGAGAAUAC -5	′
-: 03770	5'- AAGGUCUCACAGUAGUAACdTdT-3	,
siRNA2		,
	5'- GUCAACAUGGACGUGAAUUdTdT-3	,
siRNA3		,
	5'- ACUUCGUUGUGCCAUUCACdTdT-3	, ,
siRNA4		,

Figure 38: siRNAs targeting the KIAA0614 transcript

siRNA1	5'- GAGUGCUUAUGAGGUGAUCdTdT-3'
	5'- UGGAAUCUCAGACCUUGUGdTdT-3'
siRNA2	

Figure 39: siRNAs targeting the LDHM transcript

5'- GAUACACGAACCAAUUAUGdTdT-3'	siRNA1	
5'- UGCACUUAUCGCAGAUUCAdTdT-3'	siRNA2	
5'- AGUACGGCAAUCAAUCUUAdTdT-3'	siRNA3	
5'- UUAUGCUACUCGAGAAGAUdTdT-3'	siRNA4	
5'- GAACGCAGGAUAACAUACUdTdT-3'                  3'-dTdTCUUGCGUCCUAUUGUAUGA -5	siRNA5	

Figure 40: siRNAs targeting the EIF3S10 transcript

siRNA1	5'- AGCAGCGUCUGAAUAUGAGdTdT-3                  3'-dTdTUCGUCGCAGACUUAUACUC -5	
siRNA2	5'- CAAGGUUGCAAGGUGAACUdTdT-3	

Figure 41: siRNAs targeting the SLAP-2 transcript

siRNA1	5'- UGGCCAUCGAUG             3'-dTdTACCGGUAGCUAG  5'- AGAUCGAAUACG            3'-dTdTUCUAGCUUAUGG	 CUGUUCAU -5' GUGGAUGAdTdT-3'
Figure 42: siR	NAs targeting the S	ART-1 transcript
siRNA1	5'- UACGUGAACAA          3'-dTdTAUGCACUUGUU	
siRNA2	5'- ACUUAAUAUAC          3'-dTdTUGAAUUAUAUG	1111111
siRNA3	5'- ACUGCAUAUAC          3'-dTdTUGACGUAUAUG	
siRNA4	5'- UACCUCGAGUA          3'-dTdTAUGGAGCUCAU	
siRNA5	5'- GUAUGUGAAUU          3'-dTdTCAUACACUUAA	
Figure 43: sil	NAs targeting the :	ITRAF transcript
siRNA1	5'- GAUCAUUGACA          3'-dTdTCUAGUAACUGU	
siRNA2	5'- ACCUUAAUGAGG	111111

Figure 44: siRNAs targeting the NUMA1 transcript

siRNA1		AUUGGCAACGACAUUGUGAdTd:                TUAACCGUUGCUGUAACACU	r-3′ -5′
siRNA2		CAUUGUGACCAUCGUGUUCdTd:            TGUAACACUGGUAGCACAAG	Γ-3′ -5′
siRNA3		UCGGAGAUUGCCUCUACUUdTd:                TAGCCUCUAACGGAGAUGAA	
siRNA4		GAGAUUGCCUCUACUUGCAdTd: 	r-3′ -5′
Figure 45: si	.RNAs ta	rgeting the SPA1 transc	ript
siRNA1		UCAUCCGAGACUUGCAAGAdTd	
	3'-dTd	TAGUAGGCUCUGAACGUUCU	-5 <i>'</i>
siRNA2		ACUUGAGUAUCUCCUGCAAdTd' 	
-1			
figure 46: si	RNAs ta:	rgeting the FYCO1 transo	cript
siRNA1	5′-	CAUGUCGGAAGAGAUGCAAdTd	r-3′
	3'-dTd	TGUACAGCCUUCUCUACGUU	-5 <i>'</i>
o i DNA 2	5′-	CAACAUAGAGAAGGACAUUdTd	r-3′
siRNA2	3'-dTd		-5′
	5 <i>'</i> -	CUUCGGUAGUUAUGUGACAdTd	r-3′
siRNA3	3'-dTd		-5′

Figure 47: siRNAs targeting the DNCL1 transcript

siRNA1	5'- AAUCGUGCGUGACAUUAAGdTdT-3'
Figure 48: s	IRNA targeting the ACTB transcript
siRNA1	5'- AACGAAUUCUAGAGCUUGAdTdT-3'                 3'-dTdTUUGCUUAAGAUCUCGAACU -5'
siRNA2	5'- GAUGAAGGCUAUCGUUGAGdTdT-3'
siRNA3	5'- GCUUCGCUUCACAUACAGAdTdT-3'
Figure 49: s	iRNAs targeting the KU70 transcript
siRNA1	5'- GCACACUCAGACUACAUUCdTdT-3'
siRNA2	5'- GGCGUGAAUUGCAUUGAUUdTdT-3'
siRNA3	5'- AAUUGCAUACCAGUUAGCAdTdT-3'
siRNA4	5'- UGCUAAUAUGGUGAACAAGdTdT-3'
siRNA5	5'- UAUGGUGAACAAGCUAGCAdTdT-3'

Figure 50: siRNAs targeting the COPP transcript

siRNA1	5'- CCUGUGCCAUACCAGUUAAdTdT-3	3 ′ 5 ′
siRNA2	5'- CUCGAACGACUCUGAUGAUdTdT-3	
siRNA3	5'- AGCUAAUGAUGAGAGCAAUdTdT-:	
siRNA4	5'- GCAUUCCGAUGUGAUUGAUdTdT-:	
Figure 51: s	SIRNAS targeting the OSTP transcri	pt
siRNA1	5'- CAUGCGGCGAUUAAGUCUUdTdT-:	3 ′ 5 ′
siRNA2	5'- UUGCUAGAGCUACUGUGUAdTdT-:	3′ 5′
siRNA3	5'- GUGGUCAAUUCUCAUGUUGdTdT- 	3′ 5′
siRNA4	5'- AACAAUAUCAGUCAAGGUAdTdT-	. <i>,</i>
		5 <i>'</i>

Figure 52: siRNAs targeting the SLC8A1 transcript

siRNA1	5'- CCGAGAUUAUGUGUUCAAAdTdT-3'
	3'-dTdTGGCUCUAAUACACAAGUUU -5'
siRNA2	5'- AGUUGCUCAGGAUAACAUGdTdT-3'
	3'-dTdTUCAACGAGUCCUAUUGUAC -5'
siRNA3	5'- UUGCCUUGUAUUGCCAUCAdTdT-3'
	3'-dTdTAACGGAACAUAACGGUAGU -5'

Figure 53: siRNAs targeting the A2-CAT transcript

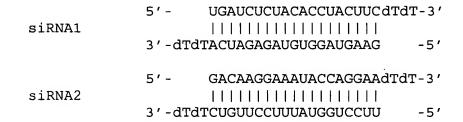


Figure 54: siRNAs targeting the THRSP transcript

siRNA1	5′-	GAUUAGCUACGAGACUCUUdT	dT-3'
	3′-dTd	TCUAAUCGAUGCUCUGAGAA	-5
siRNA2	5′-	UAGAACUUCGAAUGAGGAAdT	dT-3′
	3'-dTd	TAUCUUGAAGCUUACUCCUU	-5′
siRNA3	5′-	CGCAGUAUUGUUACAGACUdT	dT-3'
	3′-dTd	TGCGUCAUAACAAUGUCUGA	-5′
siRNA4	5′-	AAUGGUACGAGAGUCUGUUdT	dT-3′
SIMMI	3′-dTd	TUUACCAUGCUCUCAGACAA	-5′
siRNA5	5′-	AUACUGAAGUUAGGCGAUUdT	dT-3'
CANAIC	3'-dTd	ITUAUGACUUCAAUCCGCUAA	-5 <b>′</b>
Figuro 55. g	iDMAa +:	argeting the OPA1 trans	arint
rigure 55: s.	IRNAS C	argeting the OPAI trans	ELIPU
' DV2 1	5′-	GUGGAUAUCACAGGCUAAAdT	dT-3′
siRNA1	3'-dTd		-5′

Figure 56: siRNA targeting the PN12218 transcript

siRNA1		UUUCCAUAUGAGGCACAGAdTd:                    AAAGGUAUACUCCGUGUCU	-5'
siRNA2		GAUAUAGUCACUCUCAUCAdTd'            CUAUAUCAGUGAGAGUAGU	-3'
siRNA3		AGUUACUUCCACCGGACUUdTd'                 UCAAUGAAGGUGGCCUGAA	r-3′ -5′
siRNA4		AACGAGAGAUUAAACAGUUdTd'              ruugcucucuaauuugucaa	Γ-3′ -5′
siRNA5		GAUGGAAGUGAACGACAUAdTd'                CUACCUUCACUUGCUGUAU	T-3′ -5′
	D)73	and the armor than a	
Figure 57: si	KNAS ta	rgeting the CIN85 transo	cript
Figure 57: si	5′-	GAAUGUCGCAAUAUAAUCGdTd'	
	5'- 3'-dTd' 5'-	GAAUGUCGCAAUAUAAUCGdTd'	-5'
siRNA1	5'- 3'-dTd' 5'- 3'-dTd' 5'-	GAAUGUCGCAAUAUAAUCGdTd'                CUUACAGCGUUAUAUUAGC  CUUAUCAUGCAUGCAAUGGdTd' 	I-3' -5' I-3' -5'
siRNA1 siRNA2	5'- 3'-dTd' 5'- 3'-dTd' 5'- 3'-dTd' 5'-	GAAUGUCGCAAUAUAAUCGdTd'                CUUACAGCGUUAUAUUAGC  CUUAUCAUGCAUGCAAUGGdTd'                 GAAUAGUACGUACGUUACC  ACAGAUUGAAGGACUAUCCdTd'	I-3' -5' I-3' -5' I-3'

Figure 58: siRNAs targeting the PN13734 transcript

siRNA1		GCAAAGCAGAUCUGUAAUGdTdT 	
siRNA2		CAGAUCUCACGCAUACAACdTdT           GUCUAGAGUGCGUAUGUUG	-3′ -5′
siRNA3		UGGUGUUAGAGUUAAUUCGdTdT                    IACCACAAUCUCAAUUAAGC	
siRNA4		CGCUCACUAUUAUCAACAGdTdT 	-3′ -5′
siRNA5		CAACAAGCAGCCUAUUAUGdTdT                  IGUUGUUCGUCGGAUAAUAC	
Figure 59: si	RNAs tai	rgeting the FUBP1 transc	ript
Figure 59: si	5′-	rgeting the FUBP1 transcr CAGACCGGAAGAUUGUGUA dTd'                GUCUGGCCUUCUAACACAU	T-3′
	5'- 3'-dTd' 5'-	CAGACCGGAAGAUUGUGUA dTd'                  GUCUGGCCUUCUAACACAU  ACAAUGGCAGAUGUAUCAA dTd' 	T-3' -5'
siRNA1	5'- 3'-dTd' 5'- 3'-dTd' 5'-	CAGACCGGAAGAUUGUGUA dTd'	T-3' -5' T-3' -5'
siRNA1 siRNA2	5'- 3'-dTd' 5'- 3'-dTd' 5'- 3'-dTd' 5'-	CAGACCGGAAGAUUGUGUA dTd'                  IGUCUGGCCUUCUAACACAU  ACAAUGGCAGAUGUAUCAA dTd'                 IUGUUACCGUCUACAUAGUU  CUCUCUAUUGGACAAGCUA dTd'                  IGAGAGAUAACCUGUUCGAU  ACUACACGUUACUUAAGCA dTd'	T-3' -5' T-3' -5' T-3'

Figure 60: siRNAs targeting the LRP1 transcript

siRNA1	5'- AGUUACGGUAGCAGUUCUCdTdT                  3'-dTdTUCAAUGCCAUCGUCAAGAG	
siRNA2	5'- ACUAUGGCCAAGAUCAAUCdTdT	-3′
siRNA3	5'- CUCCGAACAGGAUAAUUCAdTdT	-3 <i>'</i>
	3'-dTdTGAGGCUUGUCCUAUUAAGU 5'- UUACUUCAAGCAGAUUGGUdTdT	
siRNA4		
siRNA5	5'- AUUCUCCGGAAAUCCUAUCdTdT	-3′ -5′
Figure 61: si	RNAs targeting the FUS(526)/FUS transcripts	(525)
siRNA1	5'- GACGAGAGUGAAACUGAACdTdT 	
siRNA1		-5′ [-3′
		-5' -3' -5'
siRNA2		-5' [-3' -5' [-3'

Figure 62: siRNAs targeting the XE169 transcript

siRNA1		AGAUCCAAGUGCUUUCUUUTG 	-5'
siRNA2		AUGUGUACUAAUGCCAUGAdTo	dT-3'
siRNA3		UGUCAUGGCAGAUAGUUUAdTo               TACAGUACCGUCUAUCAAAU	
siRNA4	5'- 3'-dTd	ACUCCAGGUGAUAUCGUAAdTo	dT-3'
siRNA5		UUUGACAGAAGACACUGAAdTo 	dT-3'
Figure 63: s	iRNAs ta	argeting the NAG4 trans	cript
siRNA1		GCGAGAGGAGUAUGUUCUAdT               TCGCUCUCCUCAUACAAGAU	

Figure 64: siRNA targeting the ESRRA transcript

siRNA1	5'- ACAAGUAGCUGAUAUUGAUdTdT-3'
siRNA2	5'- UCAAGAUGAUGCAGAACUUdTdT-3'
siRNA3	5'- AGUCAACGUCUUGUUCAGAdTdT-3'                  3'-dTdTUCAGUUGCAGAACAAGUCU -5'
siRNA4	5'- UUCCACGACUAGUUCAGUUdTdT-3'
siRNA5	5'- UGAUCCUAGCUAUCGUUCUdTdT-3'
Figure 65:	siRNAs targeting the CTNNB1 transcript
Figure 65:	siRNAs targeting the CTNNB1 transcript
Figure 65:	5'- GAGCGGAACAUAUUAUCUCdTdT-3'
	5'- GAGCGGAACAUAUUAUCUCdTdT-3'
siRNA1	5'- GAGCGGAACAUAUUAUCUCdTdT-3'                      3'-dTdTCUCGCCUUGUAUAAUAGAG -5' 5'- GUGUUGGACAAUCAGAUAAdTdT-3'
	5'- GAGCGGAACAUAUUAUCUCdTdT-3'                  3'-dTdTCUCGCCUUGUAUAAUAGAG -5'
siRNA1 siRNA2	5'- GAGCGGAACAUAUUAUCUCdTdT-3'
siRNA1	5'- GAGCGGAACAUAUUAUCUCdTdT-3'
siRNA1 siRNA2 siRNA3	5'- GAGCGGAACAUAUUAUCUCdTdT-3'
siRNA1 siRNA2	5'- GAGCGGAACAUAUUAUCUCdTdT-3'
siRNA1 siRNA2 siRNA3	5'- GAGCGGAACAUAUUAUCUCdTdT-3'

Figure 66: siRNAs targeting the CIT transcript

siRNA1		UACGUUUCCACGAUAACUUdTd                TAUGCAAAGGUGCUAUUGAA	
siRNA2		UGACCUAGUACGAGAUUUCdTd 	
siRNA3		AUAGCAUCUUCAGCGAUAUdTd 	
siRNA4		GGACAAUGAUCUUGAUUCCdTd                 TCCUGUUACUAGAACUAAGG	
Figure 67: sil	RNAs tai	rgeting the HS1BP1 trans	script
siRNA1		GAUCUAUGAGUCCAUCGAAdTo 	
siRNA1 siRNA2	3'-dTd 5'-		-5′ lT-3′
	3'-dTd 5'- 3'-dTd 5'-		-5' AT-3' -5' AT-3'
siRNA2	3'-dTd 5'- 3'-dTd 5'- 3'-dTd 5'-		-5' dT-3' -5' dT-3' -5'

Figure 68: siRNAs targeting the ROCK2 transcript

siRNA5

	3'-dTdTUUGCUGAAUUCCUAAGUCU -5'
siRNA2	5'- AGGCCUAUCAUGCAUAUCGdTdT-3'
siRNA3	5'- AGUAUUGAAUGAGCAGCUAdTdT-3'
siRNA4	5'- AUGAGCAGCUACAAUCUAAdTdT-3'
siRNA5	5'- CAGACAAUGAGAGAUCCAUdTdT-3'                 3'-dTdTGUCUGUUACUCUCUAGGUA -5'
Figure 69: siRN	MAS targeting the TILP(392) transcript
Figure 69: siRN	IAs targeting the TILP(392) transcript
Figure 69: siRN siRNA1	Signature 13 the TILP(392) transcript  5'- UAUACGCAUGAGAGAACUGdTdT-3'
	5'- UAUACGCAUGAGAGAACUGdTdT-3'
siRNA1	5'- UAUACGCAUGAGAGAACUGdTdT-3'
siRNA1 siRNA2	5'- UAUACGCAUGAGAGAACUGdTdT-3'

5′-

siRNA1

siRNA5

AACGACUUAAGGAUUCAGAdTdT-3'

Figure 70: siRNAs targeting the LRRFIP2A transcript

-5*'* 

siRNA1	5'- CAUAUGCAAAGACGUUGUCdTdT-3'
siRNA2	5'- GGAGAUCCUUGUUUACUUGdTdT-3'
siRNA3	5'- AGCUGAUUGACAACAACAAdTdT-3'                  3'-dTdTUCGACUAACUGUUGUUGUU -5'
siRNA4	5'- GCUGAUUGACAACAACAAGdTdT-3'
siRNA5	5'- AACGCCAUGUGUGGAACUAdTdT-3'
	siRNAs targeting the PSAP transcript
Figure 71:	briams targeting the Ibar transcript
siRNA1	5'- GGUGUGCAUUGUGAAUUAG dTdT-3'
	5'- GGUGUGCAUUGUGAAUUAG dTdT-3'
siRNA1	5'- GGUGUGCAUUGUGAAUUAG dTdT-3'
siRNA1 siRNA2	5'- GGUGUGCAUUGUGAAUUAG dTdT-3'

Figur 72: siRNAs targeting the NOTCH2 transcript